

MONDAY 4th April 2022															
09:00	Registration open for CEP and Congress Delegates - Gateshead Foyer														
11:30 – 12:30	BTS Scientific Subcommittee Meeting														
Continuing Education Programme															
Risk Assessments - Across the Sectors															
09:30 – 9:40	Introduction <i>Chairs: Jason Manton (Penman Consulting) & Georgia Reynolds (Unilever)</i>														
09:40 – 10:00	Risk Assessment in the Chemicals Industry, TBC														
10:00 – 10:20	Risk Assessment in the Pharmaceutical Industry, Dr Ernie Harpur (Newcastle University)														
10:20 – 10:50	<i>Refreshments - Gateshead Foyer</i>														
10:50 – 11:10	Risk Assessment in the Agrochemical Industry Dr Neil Morgan (Syngenta)														
11:10 – 11:30	Risk Assessment in the Consumer Goods Industry, Sophie Cable (Unilever)														
11:30 – 11:45	Summary <i>Chairs: Jason Manton (Penman Consulting) & Georgia Reynolds (Unilever)</i>														
11:45 – 12:30	<i>Lunch, & Trade Exhibition - Gateshead Foyer</i>														
Congress Programme															
12:30 – 12:45	Congress Welcome BTS President: Prof Shirley Price (University of Surrey)														
12:45 – 13:30	Plenary Lecture: Precision Toxicology and New Approaches Professor John Colbourne (University of Birmingham) <i>Chair: Prof Shirley Price</i>														
13:30 – 14:30	BTS AGM														
14.30 – 15.00	<i>Refreshments, Posters & Trade Exhibition - Gateshead Foyer</i>														
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16:30 – 16:45	<u>Selected Oral Communication</u>	<u>Selected Oral Communication</u>
16:45 – 17:00	Symposia Reflection and Discussion	Symposia Reflection and Discussion
17:00 – 17:15	<i>Refreshments, Posters & Trade Exhibition - Gateshead Foyer</i>	
17:15 – 17:45	The BTS at 50.....golden reflections <i>Chair: Prof Shirley Price</i>	
17:45 – 18:30	Malcolm Blackwell Award & NEST Lecture: Using In Vitro 3D Liver Models for the Development of Hazard Assessment Protocols Following Exposure to Engineered Nanomaterials. Dr Gillian Conway (University of Swansea) <i>Chair: Miss Nevine Amer (University of Hertfordshire & Chair of NEST)</i>	
18:30 onwards	Drinks Reception - <i>Gateshead Foyer</i>	
19:00 onwards	Early Career Networking Session	

TUESDAY 5th April 2022		
07:30 – 09:00	BTS Ambassadors Breakfast	
08:00	Registration opens - <i>Gateshead Foyer</i>	
	Symposium 3: Predictivity of animal studies for human safety in clinical trials <i>Chairs: Dr Ernie Harpur & TBC</i>	Symposium 4: Building confidence in computational models for decision making in Risk Assessment' <i>Chairs: Andreas Bender (BTS Computational and in silico Toxicology Speciality Section/ Terra Lumina & University of Cambridge) & Paul Russell (RSC Toxicology Group/Unilever)</i> [Supported by RSC Toxicology Group and hosted by Computational and in silico Toxicology Speciality Section]
09:00 – 09:30	Assessing the Value of Nonclinical Testing to Enable Safe Entry to First in Human Clinical Trials Dr Tom Monticello (Amgen, USA)	Qualification of the Simcyp PBK platform for confident exposure predictions Dr Ian Sorrell (Certara, UK)
09:30 – 10:00	An overview of the Translational Relevance of Complex in vitro models to assess the Safety of New Medicines Dr Lorna Ewart (Emulate Inc, USA)	An industry perspective strategies on using computational approaches to support decision making in next generation risk assessment Sophie Cable (Unilever, UK)
10:00 – 10:30	Viewpoint of a Phase I /II Clinician Prof Duncan Richards (University of Oxford, UK)	Regulatory acceptance of PBPK modelling in environmental and occupational chemical risk assessment: issues, concerns, and obstacles Dr George Loizou (HSE, UK)
10:30 – 10:45	<u>Selected Oral Communication</u>	<u>Selected Oral Communication</u>
10:45 – 11:00	<i>Symposia Reflection & Discussion Session</i>	<i>Symposia Reflection & Discussion Session</i>
11:00 – 11:30	<i>Refreshments, Posters & Trade Exhibition - Gateshead Foyer</i>	
11:30 – 13:00	BTS Position Workshop Discussion: Animals in Toxicology Exploring opportunities to implement the 3Rs for chemical safety assessment <i>Chair: Dr Phil Botham (Syngenta)</i>	
13:00 – 14:00	<i>Lunch, Posters & Trade Exhibition - Gateshead Foyer</i> BTS Poster Communications Judging	
	BTS Selected Short Oral Communications <i>Chair: Dr Marion McFarlane</i>	
14:00 – 14:15	<u>Selected Short Oral Communication</u>	
14:15 – 14:30	<u>Selected Short Oral Communication</u>	
14:30 – 14:45	<u>Selected Short Oral Communication</u>	
	BTS Selected Short Oral Communications <i>Chair: Dr Sarah Judge</i>	

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14:45 – 15:00	<u>Selected Short Oral Communication</u>
15:00 – 15:15	<u>Selected Short Oral Communication</u>
15:15 – 15:30	<u>Selected Short Oral Communication</u>
15:30 – 16:00	<i>Refreshments, Posters & Trade Exhibition - Gateshead Foyer</i> BTS Poster Communications Judging
16:00 – 16:45	ASCEPT Invitation Lecture: Herbal risk: From Contamination to Polyherbacy Dr Ian Musgrave (University of Adelaide) <i>Chair: Dr Lesley Reeve (Labcorp)</i>
16:45 – 17:30	BTS Speciality Sub-Sections Discussions:
17:30 – 18:30	BTS: Paton Prize Lecture: Title TBC Professor Faith Williams (Newcastle University) <i>Chair: Professor Brian Lake (University of Surrey)</i>
19:00 – 19:30	Delegate Networking and Congress Dinner Drinks Reception
19:30 – Late	Congress Dinner & Entertainment Baltic Centre for Contemporary Art

WEDNESDAY 6th April 2022		
08:00	Registration opens - <i>Gateshead Foyer</i>	
	<p>Symposium 5: Health effects of environmental complex chemical mixtures: from toxic mechanisms to risk assessment <i>Chairs: Dr Francisco Inesta-Vaquera (University of Dundee) & Dr Carolin Schramm (UCB Pharma)</i> [Hosted by Mechanistic and Discovery Toxicology Speciality Section]</p>	<p>Symposium 6: Microsampling in Toxicology: Maximising the scientific, business and 3Rs advantages <i>Chairs: Dr Fiona Sewell (NC3Rs) and Dr David Jones (Independent, ex-MHRA)</i> [Supported by NC3Rs]</p>
09:00 – 09:30	<p>A Precision Environmental Health Framework for identifying chemical mixtures of concern. Dr. Xiaojing Li (University of Birmingham, UK)</p>	<p>Preclinical to clinical use of microsamples – start small, stay small Dr Neil Spooner (Spooners Bioanalytical Solutions)</p> <p>Current use, 3Rs benefits and barriers for microsampling: results from survey of academia, pharmaceutical, agrochemical and CRO sectors Dr Helen Prior (NC3Rs)</p>
09:30 – 10:00	<p>DNA methylation as a reader of environmental exposure. Dr. Sari Pennings (University of Edinburgh, UK)</p>	<p>Is microsampling applicable for large molecules and other drug modalities? Dr Amanda Wilson (AstraZeneca, UK)</p> <p>Is microsampling applicable for Agrochemicals? Derek Angus (Syngenta, UK)</p>
10:00 – 10:30	<p>Mode-of-action based environmental risk assessment: developing new <i>in vitro</i> assays for bioaccumulation and toxicity assessment. Prof. Beate Escher (Centre for Env. Research, Germany)</p>	<p>Microsampling of main test animals with no detriment to clinical pathology parameters Carol Strepka (CRL, UK)</p> <p>Animal welfare benefits of microsampling for any purpose Dr Hollie Blunt (Sequani, UK)</p>
10:30 – 10:45	<u>Selected Oral Communication</u>	<u>Selected Oral Communication</u>
10:45 – 11:00	Symposia Reflection and Discussion	Symposia Reflection and Discussion
11:00 – 11:45	<i>Refreshments, Posters & Trade Exhibition - Gateshead Foyer</i>	
11:45 – 12:30	<p>Mid-Career Prize Lecture: TBC <i>Chair: Dr Jason Gill (Newcastle University)</i></p>	
12:30 – 13:15	<i>Lunch, Posters & Trade Exhibition - Gateshead Foyer</i>	
	<p>Symposium 7: Risk assessment in the 21st century: where are we heading? <i>Chairs: Dr Susy Brescia (HSE) & Frederique Marie Uy (FSA)</i> [Hosted by Risk Assessment Speciality Section]</p>	<p>Symposium 8: “Nonclinical development of adeno-associated virus (AAV)-based gene therapy products” <i>Chairs: Catherine Ross (LabCorp) & TBC</i> [Hosted by BSTP]</p>
13:15 – 13:45	<p>A 10-step framework for Next Generation Risk Assessment applying New Approach Methods: principles and case-studies in cosmetics safety evaluation Dr Camilla Alexander-White (MKTox & Co, UK)</p>	<p>Introduction to <i>in vivo</i> gene therapy [online] Dr Julie Hutt (Greenfield Pathology Services, USA)</p>

13:45 – 14:15	QIVIVE (quantitative in vitro-in vivo extrapolation) – bridging in vitro POD using PBK modelling. A case study Dr Hequn Li (Unilever, UK)	Pathology considerations for AAV-based gene therapy products [online] Dr Brad Bolon (GEMpath, USA)
14:15 – 14:45	Integration of AOPs and computational models in chemical safety assessment Dr Alex Cayley (Lhasa, UK)	Risk-based preclinical safety assessment for AAV-based gene therapy products [online] Dr Basel Assaf (Sanofi, USA)
14:45 – 15:00	Symposia Reflection and Discussion	Symposia Reflection and Discussion
15:00 - 15:15	Close of Congress BTS President: <i>Prof Brian Lake (University of Surrey)</i>	